

## ABSTRACT OF THE DISCLOSURE

An apparatus for cleaning deposits from the interior surfaces of a kiln. The apparatus utilizes a directed high-pressure fluid jet to remove deposits adhering to elements within a kiln. The pressurized fluid is delivered to the fluid jet through the shaft of a rotary drill. The drill shaft is received in a sleeve permitting rotational and longitudinal displacement of the shaft. The sleeve also defines a plenum surrounding the drill shaft to communicate pressurized fluid to the fluid jet throughout longitudinal and rotational displacement of the drill shaft. The drill further utilizes a boring bit suitable for penetrating encrusted deposits to provide the fluid jet access to the interior surfaces of the kiln. For removing severe encrustations, the drill bit may be used to partially penetrate the encrustation and a linear actuator may then be employed to press large portions of the encrustation from the kiln's refractory lining.

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